

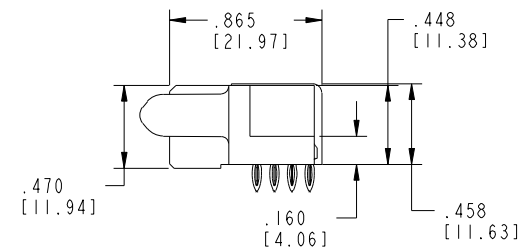
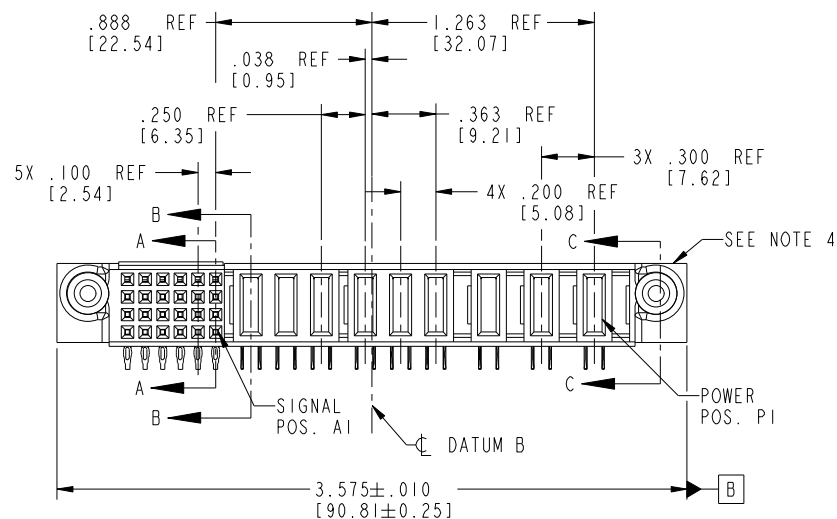


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	.092 [2.34]	POWER
S	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
N	N/A [N/A]	SIGNAL
PE	.042 [1.07]	POWER

PRODUCT NO.	ROWS	SIGNAL						POWER										E1
		E2	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1	
51866-042-- NOTE: ③	D C B A																	
			S	S	S	S	S	S	P	P	P	P	P	P	P	P	P	
			R	R	R	R	R	R										
			N	N	N	N	N	N										



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	DG06-0087	JMG	03/02/06				.XXX±.005/0.XX±0.13	projection		title	
						angles	.XXX±.0020/0.XXX±0.051			9P + 24S	
						dr	0°±2°			R/A PRESS-FIT RECEPTACLE	
						enr	JM GUO 03/02/06			product family	
						chr	SLUO 03/02/06			PwrBlade	
						appd	BEER FU 03/02/06			code	
							JOSEPH HSIA 03/02/06			213	
sheet index	revision sheet	A	A	A	A			scale		size	
		1	2	3	4			1:1		dwg no	
										51866-042	
										sheet	
										1 of 4	

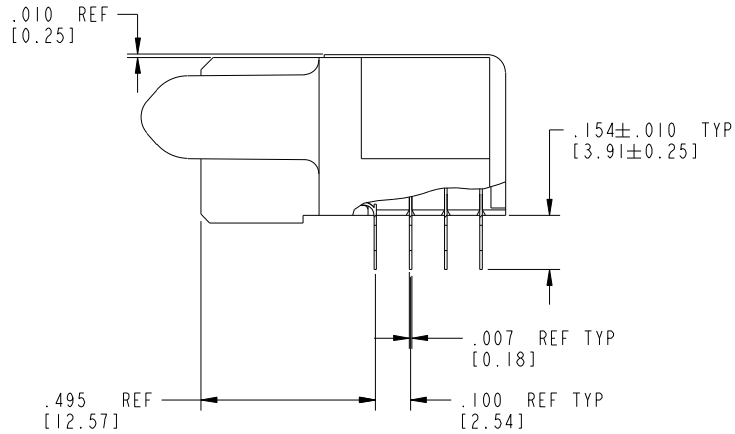
Pro/E	3	4
cage code	22526	4

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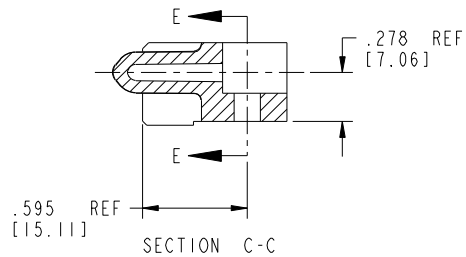


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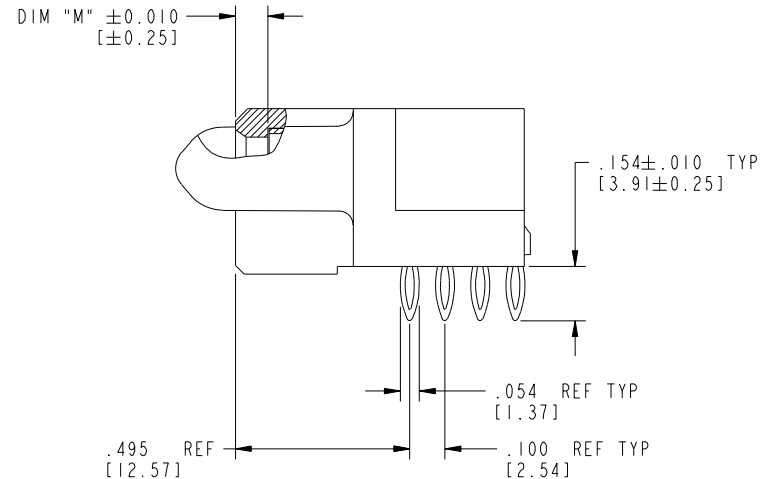
PRODUCT NUMBER
51866-042--
NOTE: ③



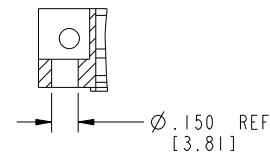
BROKEN-OUT SECTION A-A
SCALE 2:1



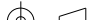
SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



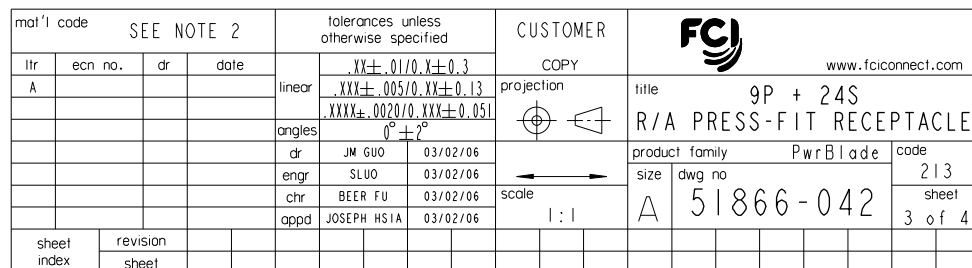
PARTIAL SECTION E-E

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title 9P + 24S R/A PRESS-FIT RECEPTACLE	
A					.XXX±.005/0.XX±0.13	projection 			
					.XXX±.0020/0.XXX±0.051				
				angles	0°±2°	scale 1:1	product family PwrBlade	code 213 sheet 2 of 4	
				dr	JM GUO 03/02/06				
				enrg	SLUO 03/02/06				
				chr	BEER FU 03/02/06				
				appd	JOSEPH HSIA 03/02/06				
sheet index	revision sheet								

Pro/E

cage code 22526

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A



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B

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4

PRODUCT NUMBER
51866-042--
NOTE: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
3. 51866-042;51866-042LF;51866-042GLF PLATING SPEC. SEE PRINT:10064183
4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.
5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OR Sn OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.
12. USE FCI CAM TOOL 430140-012
TO APPLY CONNECTOR TO PCB.

A

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com				
ltr	ecr no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$			COPY						
A					$.XXX \pm .005 / 0.XX \pm 0.13$			projection						
					$.XXX \pm .0020 / 0.XXX \pm 0.051$									
					$0^\circ \pm 2^\circ$									
				angles						title 9P + 24S R/A PRESS-FIT RECEPTACLE				
				dr	JM GUO	03/02/06	product family					PwrBlade	code	
				enrg	SLUO	03/02/06	size					dwg no	213	
				chr	BEER FU	03/02/06	scale					A	51866-042	
				appd	JOSEPH HSIA	03/02/06					sheet	4 of 4		
sheet index		revision sheet												

B

1 | 2

Pro/E

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cage code 22526

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